

ABSTRACT

This invention relates to a novel protein having a high degree of homology to the amino acid sequence of the so-called cyclin box which is characteristic of cyclins: they are herein referred to as "human cyclin I" or "human cyclin I protein." Further, the invention relates to a gene encoding their amino acid sequences and the protein: the gene is referred to as "gene encoding human cyclin I" or "human cyclin I gene." Also, the invention relates to expression vector into which the human cyclin I gene is incorporated as well as to a transformant into which the vector is introduced. Still further, the invention relates to a recombinant protein obtained by growing the transformant. In addition, the invention relates to a novel neuron-marking method using an anitiseense nucleotide of the gene as probe. Furthermore, the invention relates to method for screening cancer cell using the human cyclin I gene.